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IDEA 0495-69
Copy 5 of 5

23 July 1969

MEMORANDUM FOR THE RECORD

SUBJECT: Trip Report to Ent AFB, Colorado, 15 July 1969

1. Personnel contacted:

Major Patrick L. Garvin, ADC Headquarters, Ent AFB, Colorado

Captain Charles Masuga, 460 FIS, Oxnard AFB, California

Captain Barger, 27th AD, Luke AFB, Arizona

[redacted] 25X1A

2. Resume of business transacted:

The undersigned attended a conference at Headquarters ADC, Ent AFB for the purpose of formulating and coordinating plans involving all organizations participating in the forthcoming [redacted] continuation flight test. 25X1A

3. Actions completed:

a. The written description, prepared at Project Headquarters, was distributed and thoroughly discussed. It was agreed by all that the primary altitude of the test bed will be 70,000 feet. The F-106 interceptors will utilize tactics that will simulate the use of the sidewinder missile and they should reach approximately 60,000 feet at the peak of the zoom. F-106 crews must

USAF review(s) completed.

GROUP 1
Excluded from automatic downgrading and declassification

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comply with ADC regulation not to exceed 50,000 feet for more than 90 seconds. This restriction should not adversely affect this test.

b. Major Garvin (ADC Headquarters) stated that two zoom intercepts can normally be obtained per F-106 sortie. A total of 12 sorties are scheduled and this could result in a maximum of 24 intercepts. The intercepts were designed as two on one (two F-106 fighters on one target) and, in the event that only one fighter is available, one intercept as one on one.

c. The undersigned stressed the importance for all interceptors to execute the stern zoom attack simulating the use of the sidewinder missile only. Special emphasis is to be made on these tactics at the Fighter Interceptor and Weapons Director briefings. Captain Masuga (Oxnard AFB, Operations) recommended some revised tactics, however, this involved the maneuvers of the F-106 prior to System 20 detection range and will not degrade the test.

d. Captain Barger, 27 Air Division, will be the Weapons Director primarily responsible for controlling the [redacted] intercepts. He has a copy of the requirements and is responsible for briefing any other controllers involved in this test. 25X1

e. The 27th Air Division will record the target/interceptor position data for use by Project Headquarters in evaluation of the exercise.

4. Recommendations:

a. Recommend [redacted] (Edwards AFB, Operations) brief the flight crews at Oxnard AFB on the primary objectives of this exercise and also conduct the debriefing at the completion of each sortie as Major Garvin will not be available. 25X1A

b. Recommend that [redacted] at Edwards be designated the primary pilot for the U-2 during this exercise. 25X1A

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c. Recommend that a knowledgeable representative from OSA, OEL or OSI, if available, be at the 27th AD for consultation and coordination with the Weapons Director during this exercise.

25X1A [redacted]
IDEALIST Division, OSA

Attachment - 1
Description of intercepts

NOTED:

25X1A [redacted]
Chief, IDEALIST Division
28 July 69
Date

25X1A [redacted]
Deputy for Operations
29 Jul 69
Date

25X1A [redacted]
Director of Special Activities
29 July 69
Date

25X1A IDEA/OSA/[redacted] (23 Jul 69)

Distribution:
#1 - IDEA/OSA
#2 - D/O/OSA
#3 - AVD/OSA
#4 - D/M/OSA
#5 - RB/OSA

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INTERCEPT NUMBER 1

1. Test Bed Requirements:

   a. Altitude: 70,000 Ft.
   b. Velocity: Normal Cruise (405 TAS)
   c. Course: Straight and level until appropriate evasive maneuver is indicated.

2. Interceptor Requirements: One F-106

   a. Altitude: As required to initiate a power climb for completion of intercept.
   b. Initiation of Run: 75 NM aft (slant range) of test bed.
   c. Course: Continue on a course to accomplish a stern approach intercept.
   d. Termination of Run: At completion of zoom as interceptor passes below test bed.
   e. Interceptor aircraft will not pass at a closer distance than 2,000 feet vertically and 1,500 feet horizontally to the test bed.

3. Miscellaneous: In completion of intercept, fighter will not exceed 50,000 feet for more than 90 seconds.

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INTERCEPT NUMBER 2

1. Test Bed Requirements:

   a. Altitude: 70,000 Ft.
   b. Velocity: Normal Cruise (405 TAS)
   c. Course: Straight and level until appropriate evasive maneuver is indicated.

2. Interceptor Requirements: Two F-106 interceptors flying abeam one another with 10 NM horizontal separation.

   a. Altitude: As required to initiate a power climb for completion of a successful intercept.
   b. Initiation of Run: 20 NM aft (slant range) of target and each interceptor abeam each other so that one is to the left and the other to the right of test bed.
   c. Course: Continue on a course to accomplish a stern approach intercept with one interceptor to the right and one to the left of the test bed.
   d. Termination of Run: At completion of zoom as interceptors pass below test bed.
   e. Interceptor aircraft will not pass at a closer distance than 2,000 feet vertically and 1,500 feet horizontally to the test bed.

3. Miscellaneous: In completion of intercept, fighter will not exceed 50,000 feet for more than 90 seconds.

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INTERCEPT NUMBER 3

1. Test Bed Requirements:

   a. Altitude: 70,000 Ft.
   b. Velocity: Normal Cruise (405 TAS)
   c. Course: Straight and level until appropriate evasive maneuver is indicated.

2. Interceptor Requirements: Two F-106 interceptors flying in trail with 10-15 NM separation. Off set 2-3 NM left or right to the rear of test bed.

   a. Altitude: As required to initiate a power climb for completion of a successful intercept.
   b. Initiation of Run: First interceptor 65 NM aft (slant range) of target. Second interceptor 10-15 NM aft of first interceptor.
   c. Course: Continue on a course to accomplish a stern approach intercept off set to the left or right of test bed.
   d. Termination of Run: At completion of zoom as both interceptors pass below the test bed.
   e. Interceptor aircraft will not pass at a closer distance than 2,000 feet vertically and 1,500 feet horizontally to the test bed.

3. Miscellaneous: In completion of intercept, fighter will not exceed 50,000 feet for more than 90 seconds.

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INTERCEPT NUMBER 4

1. Test Bed Requirements:

   a. Altitude: 70,000 Ft.
   b. Velocity: Normal Cruise (405 TAS)
   c. Course: Straight and level until appropriate evasive maneuver is indicated.

2. Interceptor Requirements: Two F-106 aircraft. First interceptor flying 65 NM to the rear and off set 2-5 NM to the right or left of test bed. Second interceptor 80 NM aft and 2-5 NM to opposite side of test bed.

   a. Altitude: As required to initiate a power climb for successful completion of both interceptors.
   b. Initiation of Run: First interceptor 65 NM (slant range) of target. Second interceptor 10-15 NM aft of first interceptof, and on the opposite side of test bed.
   c. Course: Continue on a course to accomplish a stern approach intercept by both interceptors.
   d. Termination of Run: At completion of zoom as each interceptor has passed below test bed.
   e. Interceptor aircraft will not pass at a closer distance than 2,000 feet vertically and 1,500 feet horizontally to the test bed.

3. Miscellaneous: In completion of intercept, fighter will not exceed 50,000 feet for more than 90 seconds.

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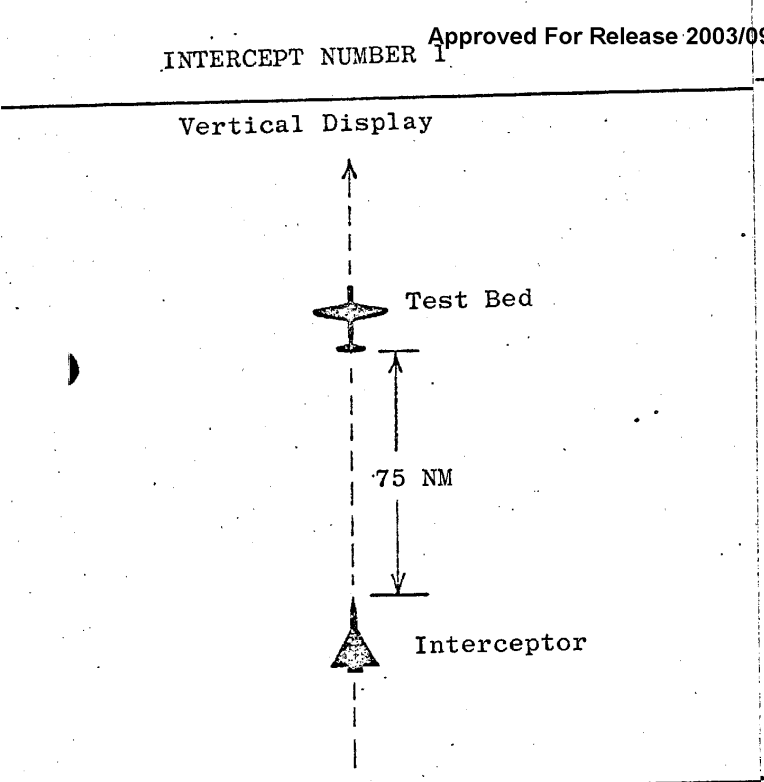
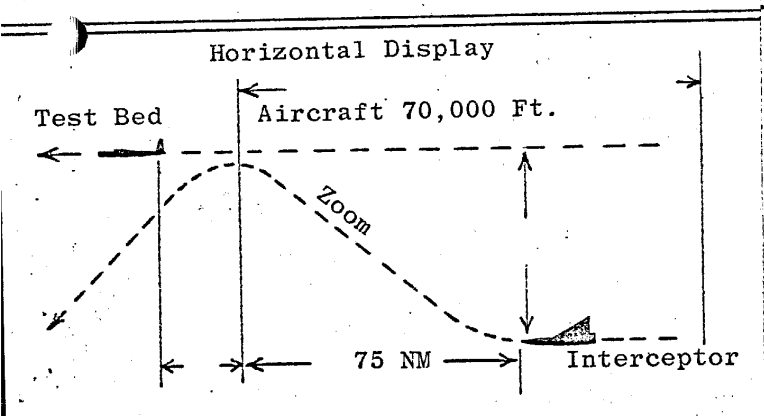
INTERCEPT NUMBER 1





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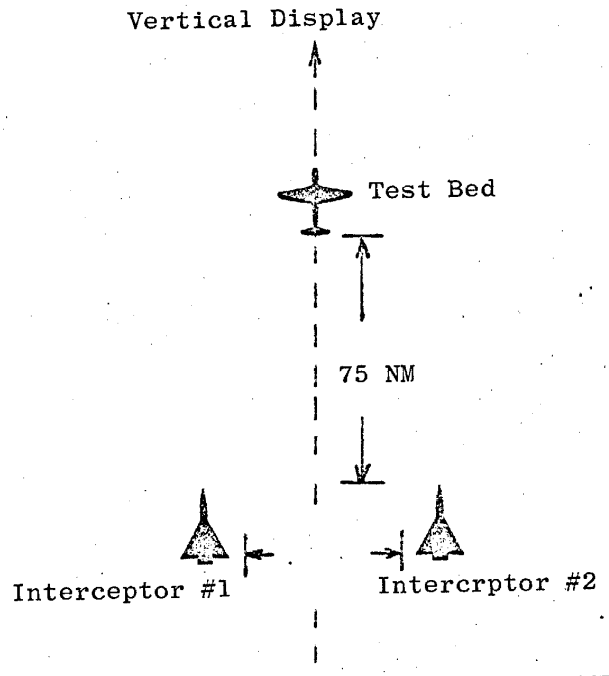

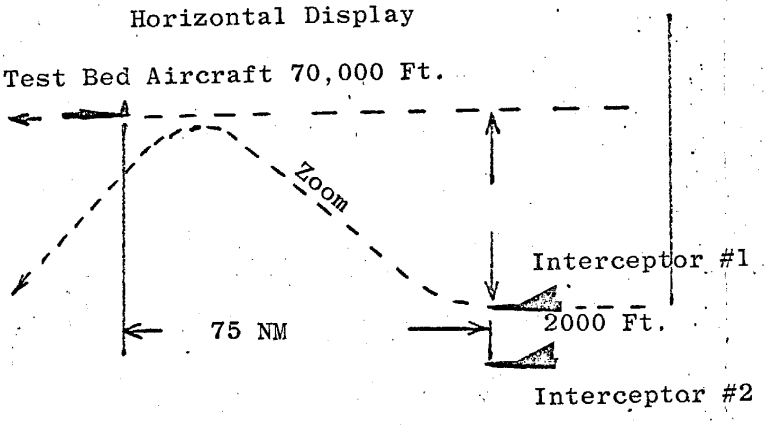

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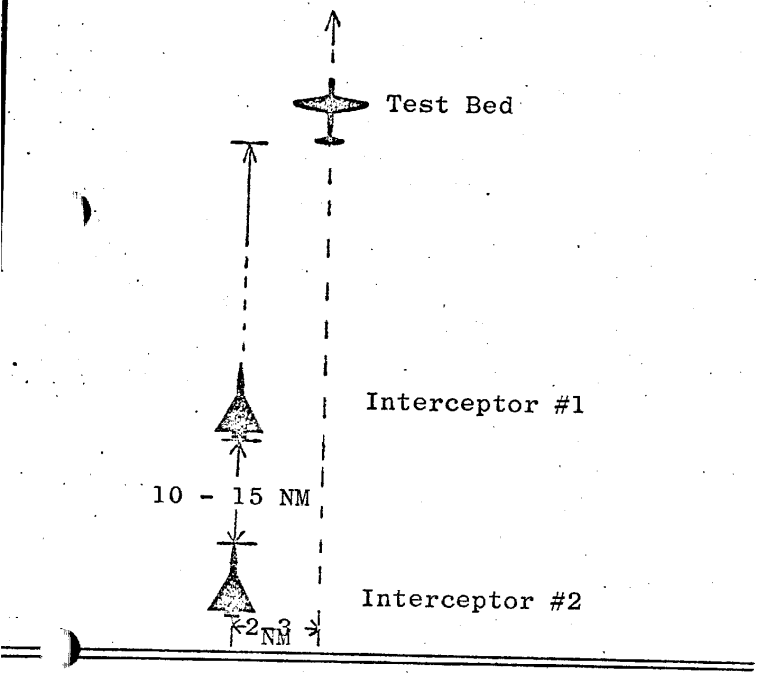
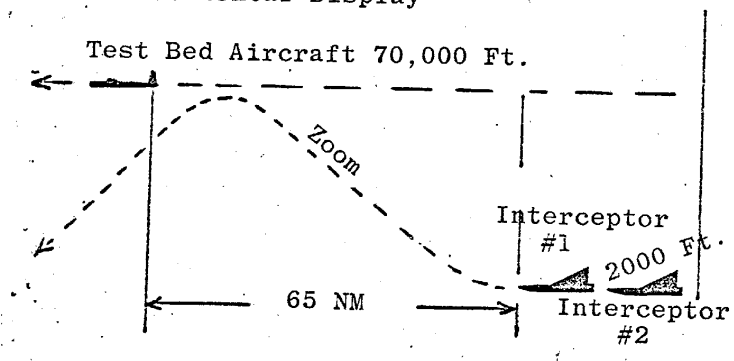
INTERCEPT NUMBER 3

Vertical Display

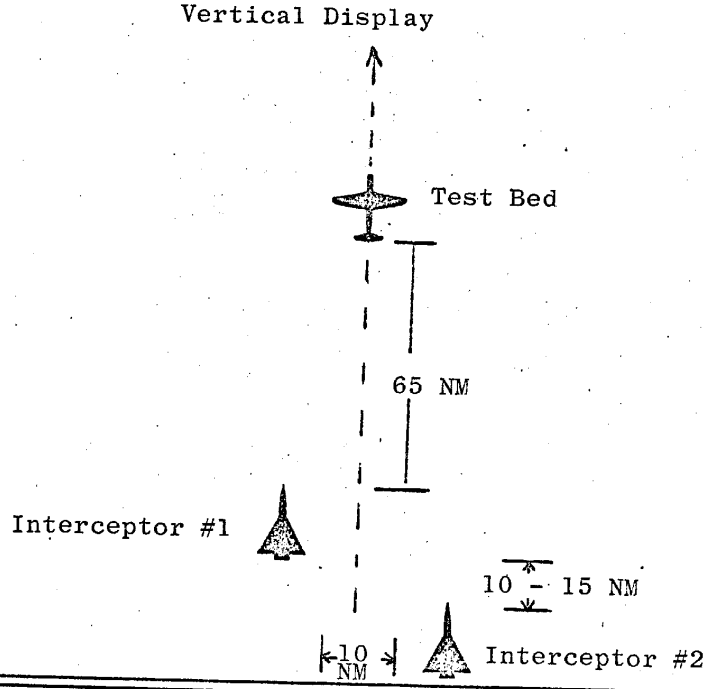


Horizontal Display

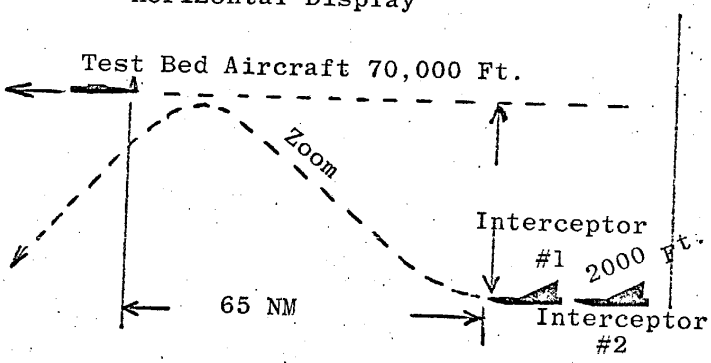


INTERCEPT NUMBER 4

Vertical Display



Horizontal Display



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ROUTING AND RECORD SHEET

SUBJECT: (Optional)

Trip Report to Ent AFB, Colorado, 15 July 1969

FROM:	EXTENSION	NO.
IDEA/OSA	242	IDEA 0495-69
		DATE: 23 July 1969

TO: (Officer designation, room number, and building)	DATE RECEIVED	DATE FORWARDED	OFFICER'S INITIALS	COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)
1. IDEA/OSA	28 July	28 July		
2. D/O/OSA	"	29 Jul		
3. EO/SA	7/29	7/29		
4. D/SA		29 July		
5. IDEA/OSA				
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